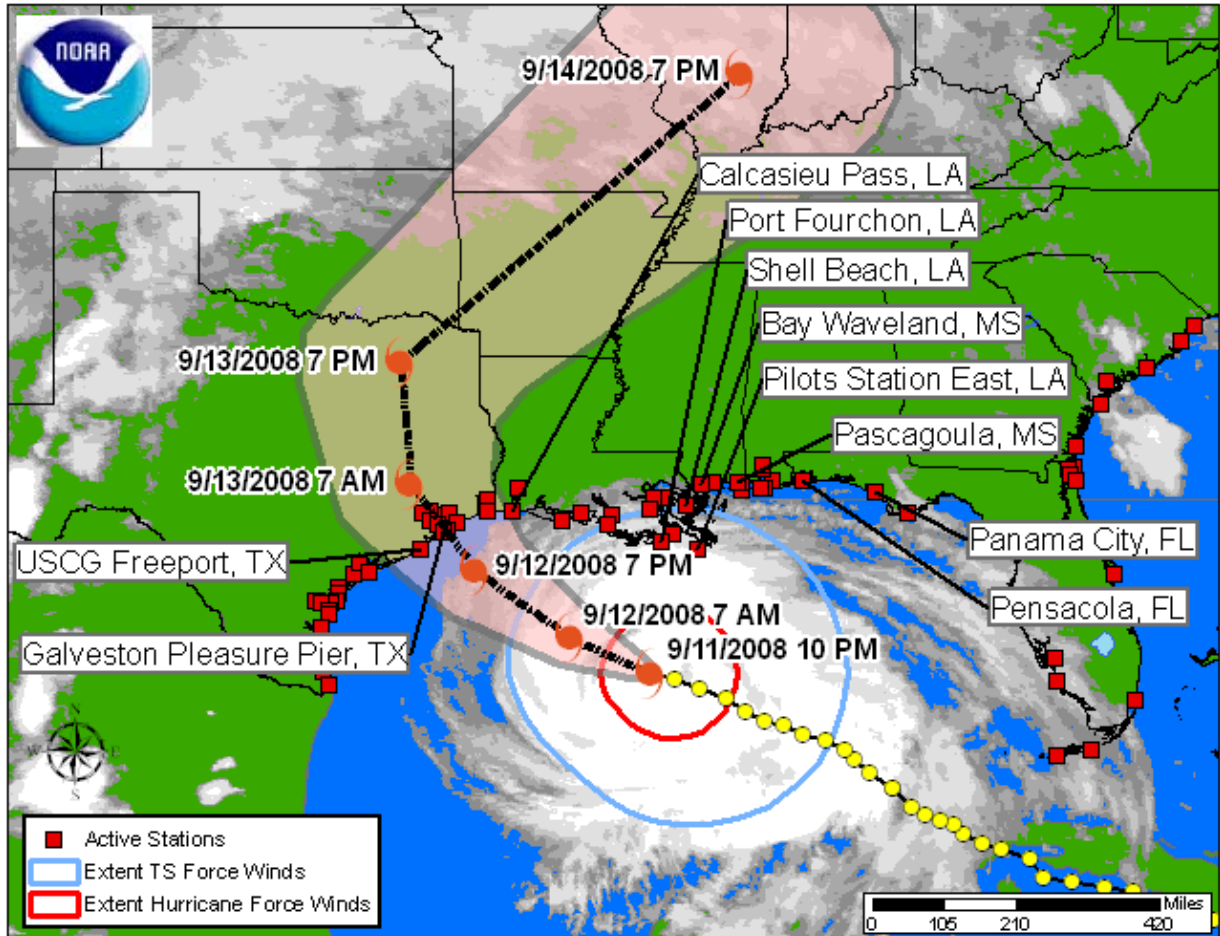


Hurricane IKE QuickLook
Posted: 23:00 CDT 09/11/2008

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/11/2008 23:00 CDT, water levels are rising along the Gulf coast from Mississippi to southern Texas and range from 2.5 to 6.9 feet above predicted. The highest water levels are being recorded at Shell Beach, LA. Water levels along the eastern Gulf Coast are 1 to 3 feet above predicted but are falling. Barometric pressure is falling along the Louisiana and Texas coast. Winds are increasing across Mississippi and Louisiana with winds at Pilots Station East, SW Pass, LA recording frequent gusts over 50 knots and wind speeds over 40 knots.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Pilots Station East, SW Pass, LA: Next predicted high tide is 1.56 ft (0.48 m) at 09/12/2008 07:30 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.90 ft (0.58 m) at 09/12/2008 10:27 CDT.

Shell Beach, LA: Next predicted high tide is 1.47 ft (0.45 m) at 09/12/2008 12:27 CDT.

Port Fourchon, LA: Next predicted high tide is 1.68 ft (0.51 m) at 09/12/2008 08:09 CDT.

Calcasieu Pass, LA: Next predicted high tide is 2.10 ft (0.64 m) at 09/12/2008 03:24 CDT.

Galveston Pleasure Pier, TX: Next predicted high tide is 2.32 ft (0.71 m) at 09/12/2008 03:27 CDT.

USCG Freeport, TX: Next predicted high tide is 1.89 ft (0.58 m) at 09/12/2008 03:39 CDT.

Pascagoula NOAA Lab, MS: Next predicted high tide is 1.46 ft (0.45 m) at 09/12/2008 08:42 CDT.

Pensacola, FL: Next predicted high tide is 1.71 ft (0.52 m) at 09/12/2008 09:21 CDT.

Panama City, FL: Next predicted high tide is 1.65 ft (0.50 m) at 09/12/2008 08:42 CDT.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CM

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE IKE ADVISORY NUMBER 44

1000 PM CDT THU SEP 11 2008

...IKE REMAINS A LARGE CATEGORY TWO HURRICANE AND POSES A SIGNIFICANT STORM SURGE HAZARD...

A HURRICANE WARNING REMAINS IN EFFECT FROM MORGAN CITY LOUISIANA TO BAFFIN BAY TEXAS. HURRICANE CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD BE RUSHED TO COMPLETION.

AT 1000 PM CDT THE HURRICANE WATCH SOUTH OF BAFFIN BAY TO PORT MANSFIELD HAS BEEN DISCONTINUED BUT A TROPICAL STORM WARNING REMAINS IN EFFECT FOR THAT AREA.

A TROPICAL STORM WARNING IS ALSO IN EFFECT FROM EAST OF MORGAN CITY TO THE MISSISSIPPI-ALABAMA BORDER INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN.

AT 1000 PM CDT THE CENTER OF HURRICANE IKE WAS LOCATED NEAR LATITUDE 26.3 NORTH, LONGITUDE 90.4 WEST OR ABOUT 445 MILES EAST-SOUTHEAST OF CORPUS CHRISTI TEXAS AND ABOUT 340 MILES SOUTHEAST OF GALVESTON TEXAS.

IKE IS MOVING TOWARD THE WEST-NORTHWEST NEAR 12 MPH AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE FOR THE NEXT 24 HOURS WITH A TURN TO THE NORTHWEST EXPECTED TO BEGIN LATE FRIDAY. ON THE FORECAST TRACK THE CENTER OF IKE WILL BE VERY NEAR THE UPPER TEXAS COAST BY LATE FRIDAY. HOWEVER BECAUSE IKE IS A VERY LARGE TROPICAL CYCLONE WEATHER WILL DETERIORATE ALONG THE COASTLINE EARLY ON FRIDAY LONG BEFORE THE CENTER REACHES THE COAST.

DATA FROM BOTH NOAA AND AIR FORCE HURRICANE HUNTER AIRCRAFT INDICATE THAT MAXIMUM SUSTAINED WINDS REMAIN NEAR 100 MPH WITH HIGHER GUSTS. IKE IS A CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE. SOME STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS OR SO AND IKE COULD BECOME A MAJOR HURRICANE BEFORE REACHING THE COAST.

THE AIRCRAFT DATA INDICATE THAT IKE REMAINS A LARGE CYCLONE. HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 115 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 265 MILES.

THE ESTIMATED MINIMUM CENTRAL PRESSURE BASED ON AIRCRAFT DATA IS 956 MB.

COASTAL STORM SURGE FLOODING OF UP TO 20 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED NEAR AND TO THE EAST OF WHERE THE CENTER OF IKE MAKES LANDFALL EXTENDING A GREATER THAN USUAL DISTANCE FROM THE CENTER DUE TO THE LARGE SIZE OF THE CYCLONE. SURGE FLOODING OF UP TO 25 FEET COULD OCCUR AT THE HEADS OF BAYS. COASTAL STORM SURGE FLOODING OF 6 TO 8 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS WAVES CAN BE EXPECTED WITHIN THE TROPICAL STORM WARNING AREA ALONG THE NORTHERN GULF COAST. ABOVE NORMAL TIDES IN THE EASTERN GULF OF MEXICO SHOULD GRADUALLY SUBSIDE OVER THE NEXT DAY OR SO.

IKE IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 5 TO 10 INCHES ALONG THE MIDDLE AND UPPER TEXAS COAST AND OVER PORTIONS OF SOUTHWESTERN LOUISIANA WITH ISOLATED MAXIMUM AMOUNTS OF 15 INCHES POSSIBLE.

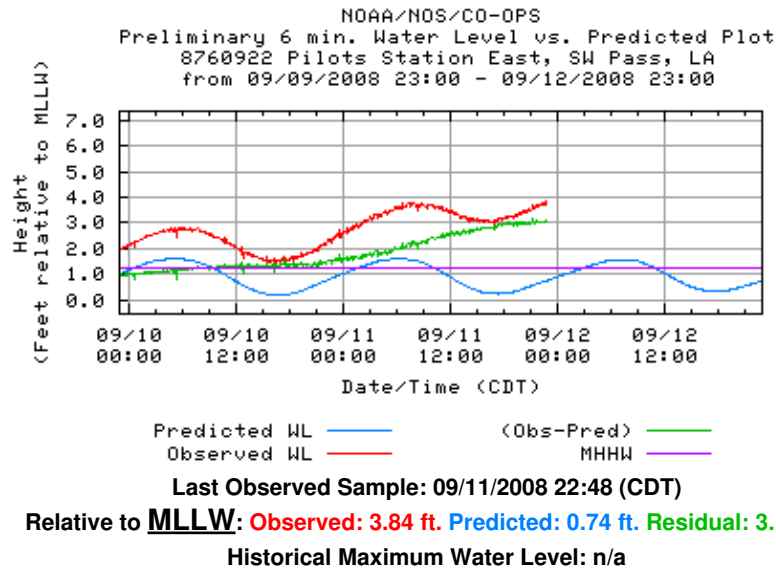
ISOLATED TORNADOES ARE POSSIBLE ON FRIDAY OVER PORTIONS OF SOUTHWESTERN LOUISIANA AND SOUTHEASTERN TEXAS.

FORECASTER KNABB/BERG

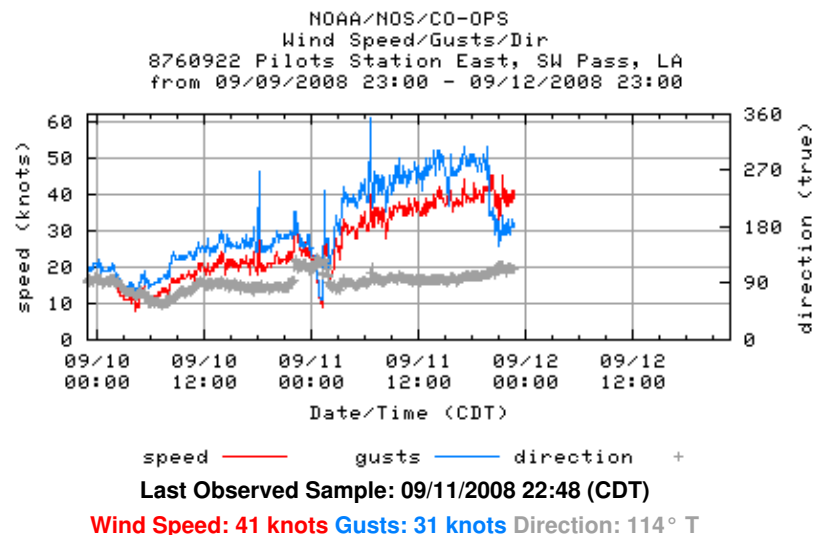
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Bay Waveland Yacht Club - Air/Water Temp](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Shell Beach - Air/Water Temp](#), [Port Fourchon - Water Level](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [USCG Freeport - Air/Water Temp](#), [Pascagoula NOAA Lab - Water Level](#), [Pensacola - Water Level](#), [Panama City - Water Level](#),

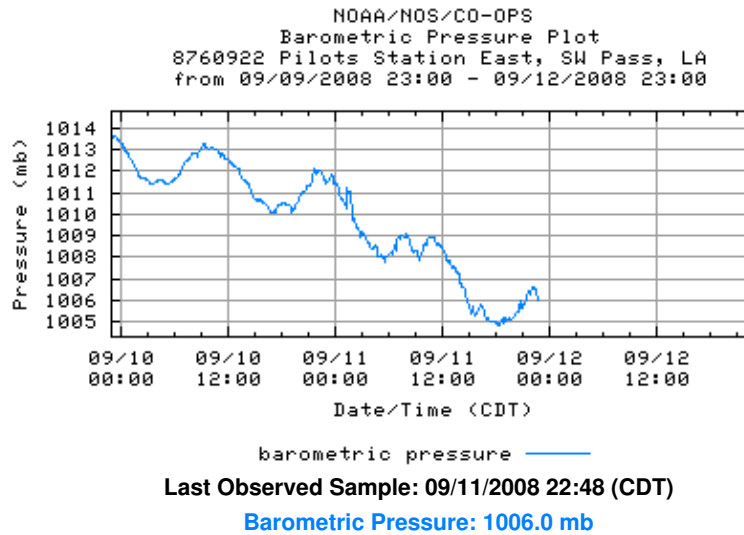
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



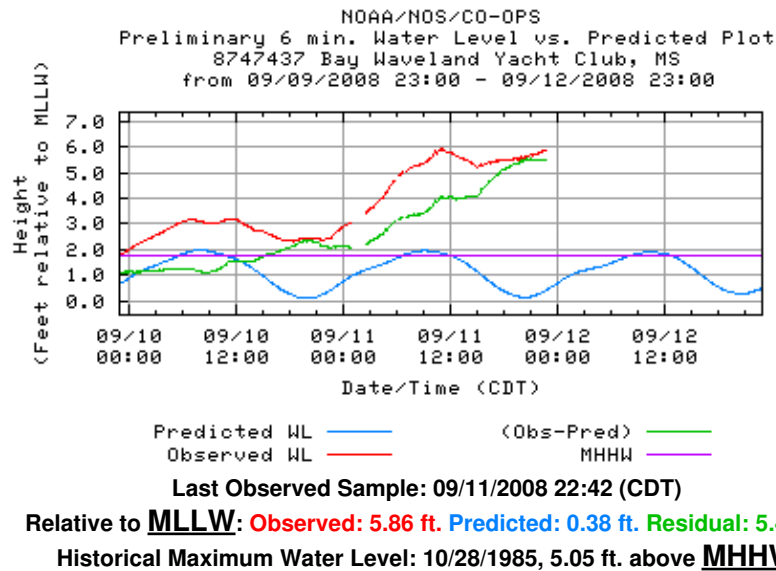
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



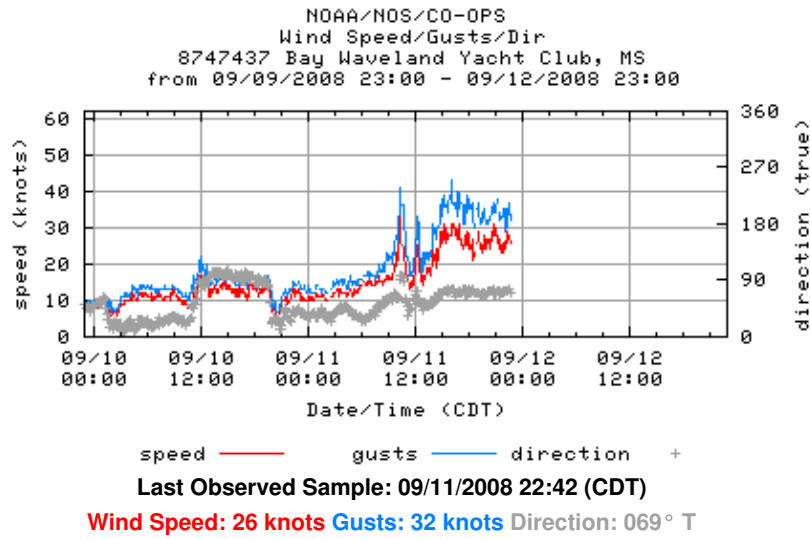
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



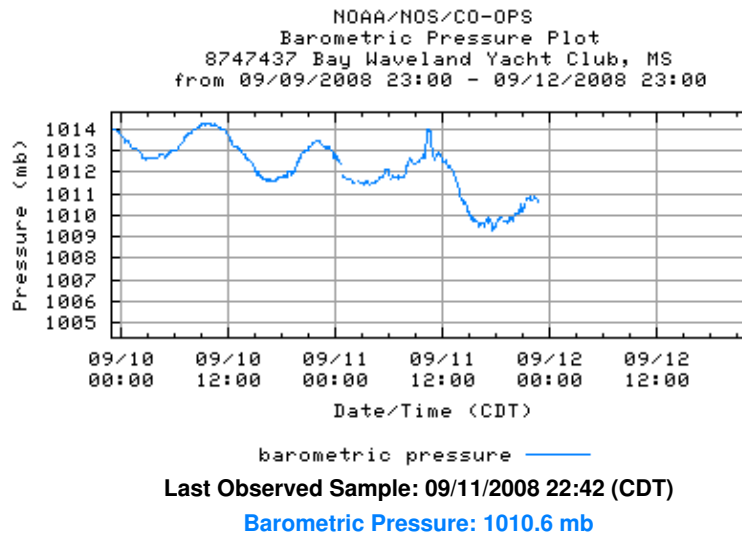
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



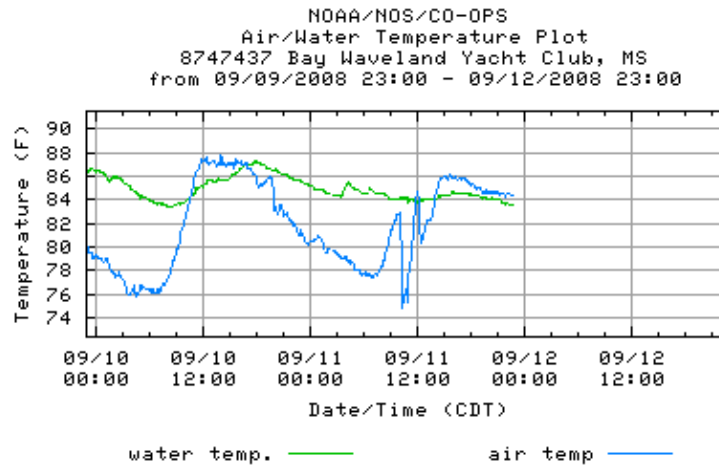
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



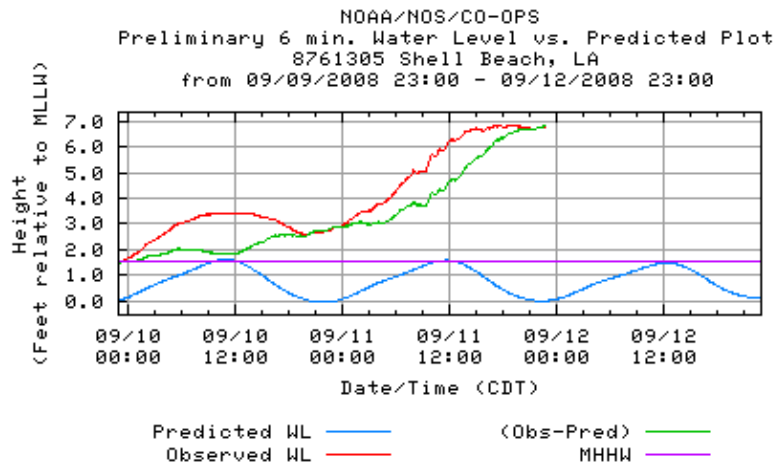
Bay Waveland Yacht Club, MS - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 22:42 (CDT)

Water Temperature: 83.5° F Air Temperature: 84.3° F

Shell Beach, LA - Station Map [Return to List](#)

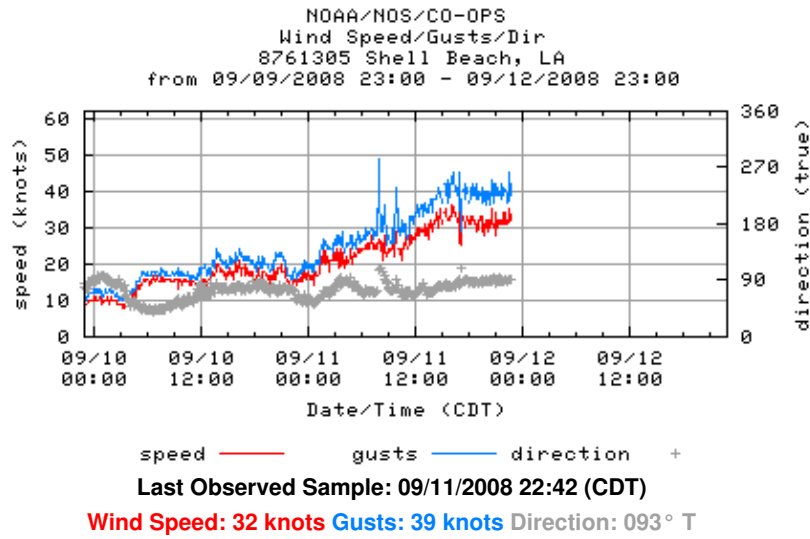


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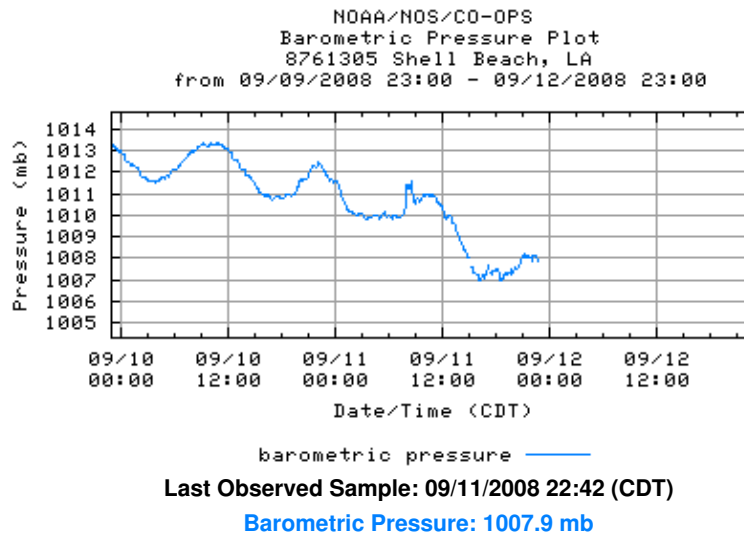
Relative to **MLLW**: Observed: 6.81 ft. Predicted: -0.01 ft. Residual: 6.82 ft.

Historical Maximum Water Level: 01/20/1983, 5.69 ft. above **MHHW**

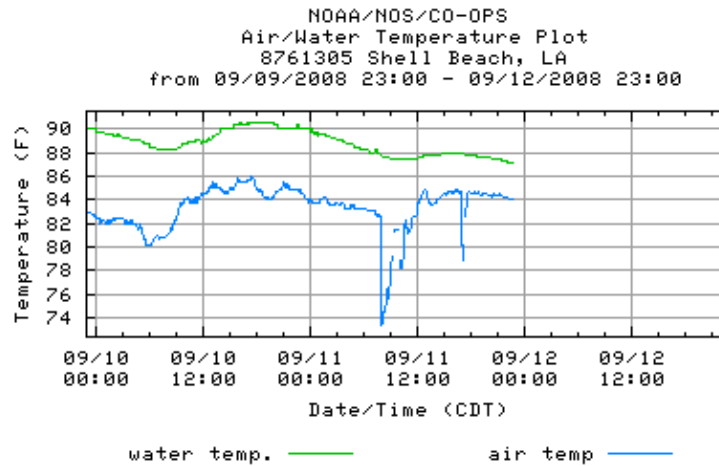
Shell Beach, LA - Station Map [Return to List](#)



Shell Beach, LA - Station Map [Return to List](#)



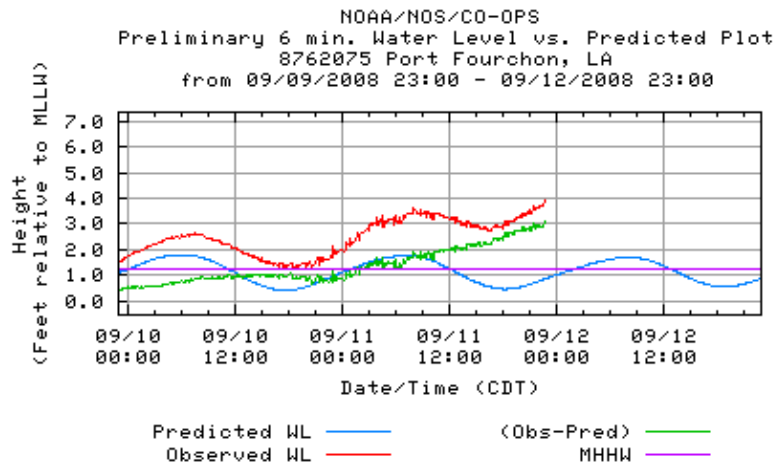
Shell Beach, LA - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 22:42 (CDT)

Water Temperature: 87.1° F Air Temperature: 84.0° F

Port Fourchon, LA - Station Map [Return to List](#)

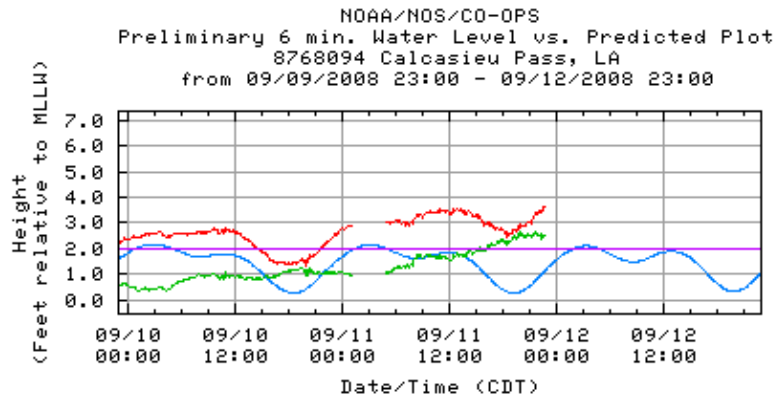


Last Observed Sample: 09/11/2008 22:48 (CDT)

Relative to **MLLW**: Observed: 3.93 ft. Predicted: 0.85 ft. Residual: 3.08 ft.

Historical Maximum Water Level: 09/24/2005, 3.8 ft. above **MHHW**

Calcasieu Pass, LA - Station Map [Return to List](#)

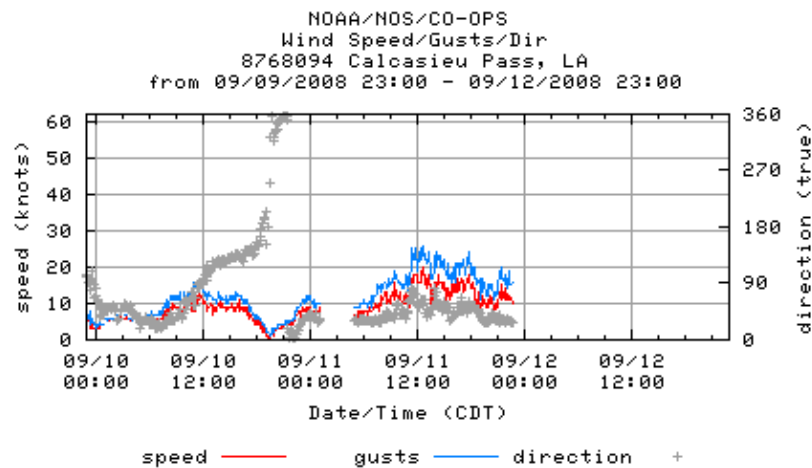


Last Observed Sample: 09/11/2008 22:42 (CDT)

Relative to **MLLW**: **Observed: 3.61 ft. Predicted: 1.11 ft. Residual: 2.50 ft.**

Historical Maximum Water Level: n/a

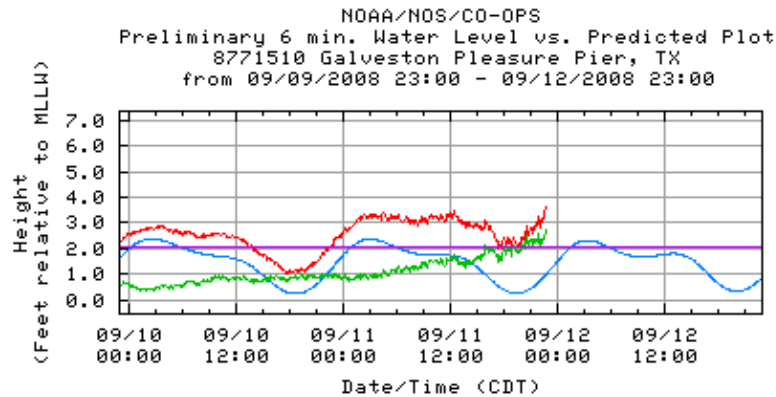
Calcasieu Pass, LA - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 22:42 (CDT)

Wind Speed: 10 knots Gusts: 16 knots Direction: 027° T

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

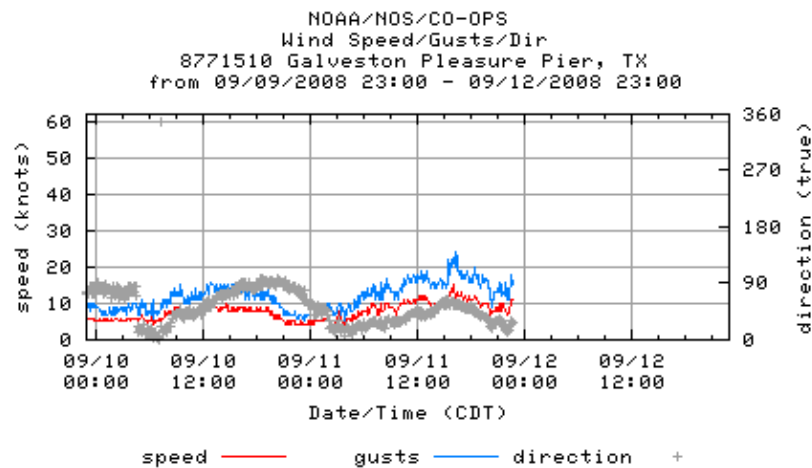


Last Observed Sample: 09/11/2008 22:48 (CDT)

Relative to **MLLW**: **Observed: 3.57 ft.** **Predicted: 0.98 ft.** **Residual: 2.59 ft.**

Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

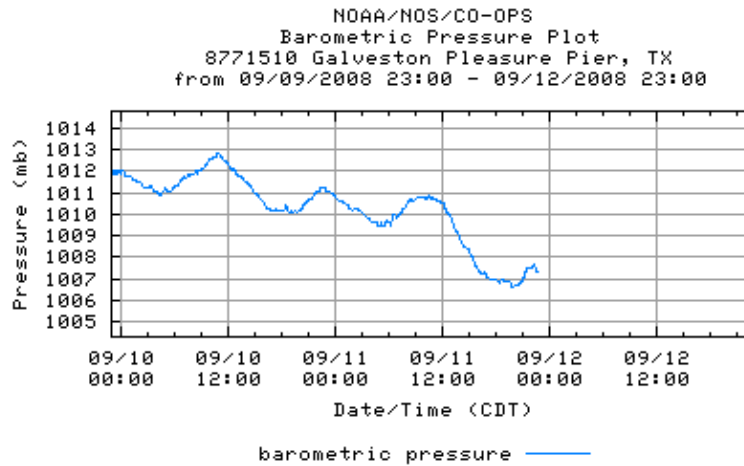
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 22:48 (CDT)

Wind Speed: 11 knots **Gusts: 16 knots** **Direction: 028° T**

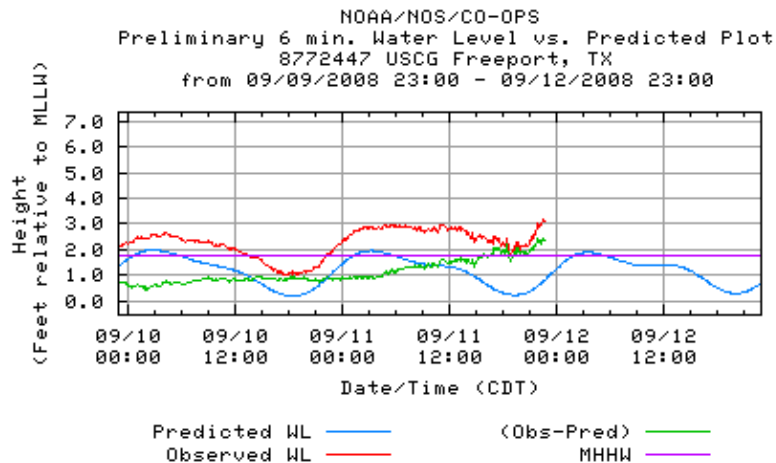
Galveston Pleasure Pier, TX - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 22:48 (CDT)

Barometric Pressure: 1007.3 mb

USCG Freeport, TX - Station Map [Return to List](#)

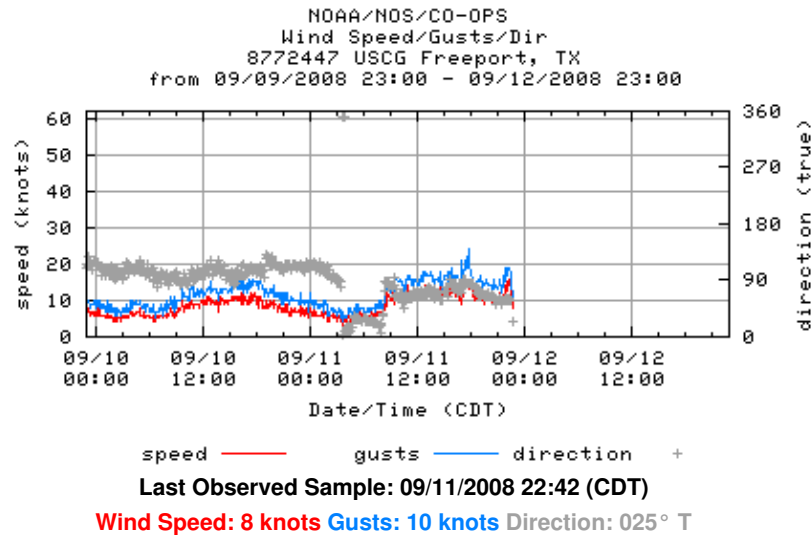


Last Observed Sample: 09/11/2008 22:42 (CDT)

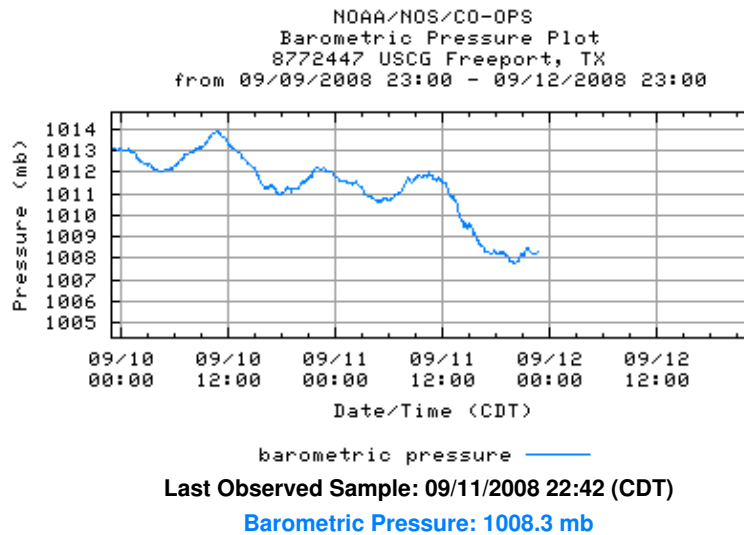
Relative to **MLLW**: **Observed: 3.12 ft. Predicted: 0.79 ft. Residual: 2.33 ft.**

Historical Maximum Water Level: n/a

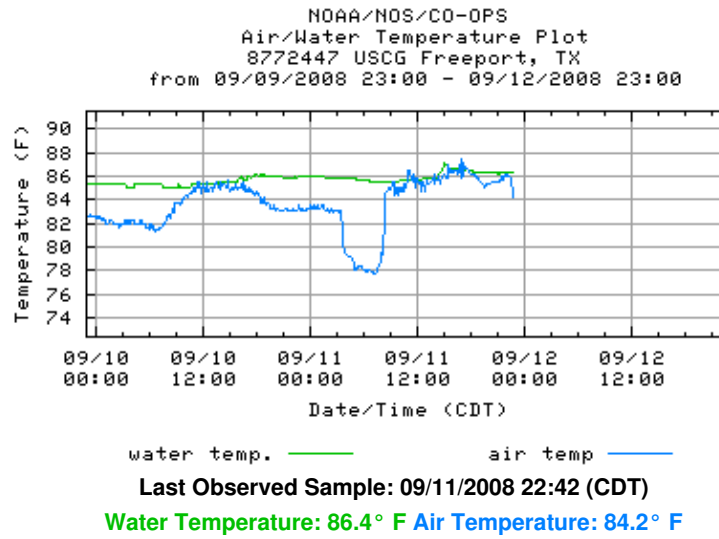
USCG Freeport, TX - Station Map [Return to List](#)



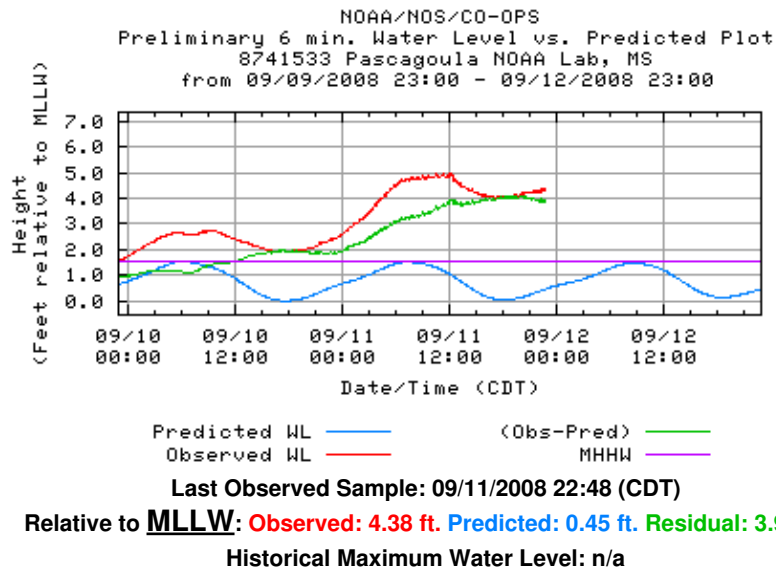
USCG Freeport, TX - Station Map [Return to List](#)



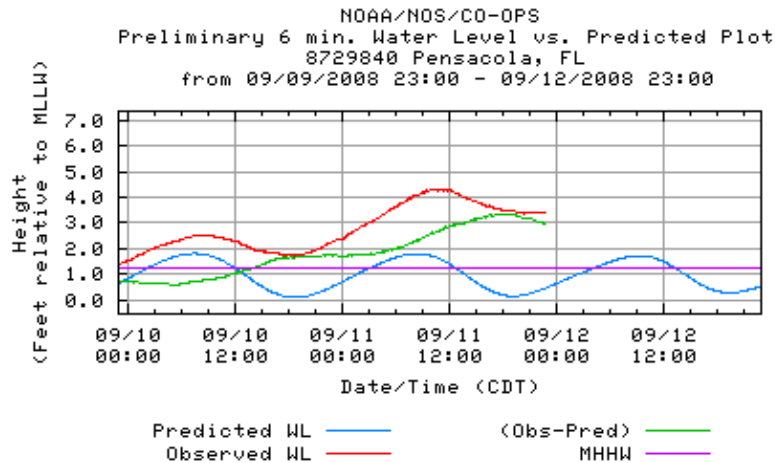
USCG Freeport, TX - Station Map [Return to List](#)



Pascagoula NOAA Lab, MS - Station Map [Return to List](#)



Pensacola, FL - Station Map [Return to List](#)

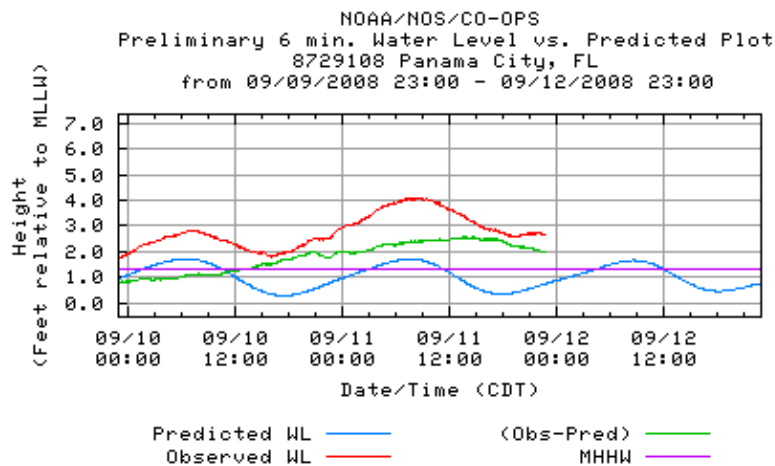


Last Observed Sample: 09/11/2008 22:42 (CDT)

Relative to **MLLW**: **Observed: 3.42 ft. Predicted: 0.44 ft. Residual: 2.98 ft.**

Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

Panama City, FL - Station Map [Return to List](#)



Last Observed Sample: 09/11/2008 22:42 (CDT)

Relative to **MLLW**: **Observed: 2.68 ft. Predicted: 0.72 ft. Residual: 1.96 ft.**

Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

Hurricane IKE QuickLook, POSTED 23:00 CDT 09/11/2008

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce